

### **Composition of Injected Fluids**

The injection fluid is a combination of the following fluids having a total column equal to the quantity needed to produce brine at the rates required by salt production.

1. Depleted solution mining production fluid from which the salt content has been mostly removed. This fluid is recycled back to the wells as part of the closed loop solution mining process.
2. Condensate water removed from the solution mining well brine by the evaporation process during production of salt.
3. Wash down water used in the salt production areas to clean up equipment.
4. Overflow collection points from the brine processing operation.
5. Surface and roof runoff from the plant area.
6. Dust collection water used in scrubbing salt dust collection air.
7. Reject salt product rebrining fluid.
8. Well water used to make up the difference between above volumes and required volume of injection fluid.
9. Fluids used to remove calcium carbonate scale in various parts of the solution mining and refining system.
10. Boiler blowdown.
11. Manufacturing area floor sweepings.